

VIA EXPRESS MAIL EL629609307US  
PATENT  
36856.1229

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Masaki TAKEUCHI et al.  Serial No.: Unknown  Filed: Concurrently herewith  Title: PIEZOELECTRIC RESONATOR FILTER AND ELECTRONIC COMMUNICATION DEVICE	Parent Application Serial Number: 10/179,972  Parent Application Filing Date: June 26, 2002
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**INFORMATION DISCLOSURE STATEMENT**

MAIL STOP PATENT APPLICATIONS  
COMMISSIONER FOR PATENTS  
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ALEXANDRIA, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants submit herewith an Information Disclosure Statement (Form PTO-1449), which lists all the prior art references that were listed in the Parent Application No. 10/179,972, currently pending. Accordingly, a copy of these references can be found in the Parent Application No. 10/179,972, currently pending. The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: February 24, 2004

  
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Substitute for form 1449/PTO

*Complete if Known***INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **1**

Application Number	
Filing Date	
First Named Inventor	<b>Masaki TAKEUCHI</b>
Art Unit	
Examiner Name	
Attorney Docket Number	<b>36856.1229</b>

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<b>1</b>	<b>6,515,401</b>	<b>02/2003</b>	<b>Ando et al.</b>	
	<b>2</b>	<b>6,437,482</b>	<b>08/2002</b>	<b>Shibata</b>	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number-Kind Code <sup>5</sup> (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	<b>3</b>	<b>2002-9579</b>	<b>01/2002</b>	<b>JAPAN</b>		<b>X</b>
	<b>4</b>	<b>2001-211053</b>	<b>08/2001</b>	<b>JAPAN</b>		<b>X</b>
	<b>5</b>	<b>2001-203558</b>	<b>07/2001</b>	<b>JAPAN</b>		<b>X</b>
	<b>6</b>	<b>1-48694</b>	<b>10/1989</b>	<b>JAPAN</b>		
	<b>7</b>	<b>EP 0 963 040 A2</b>	<b>12/1999</b>	<b>EPO</b>		<b>X</b>
	<b>8</b>	<b>EP 0 669 713 A1</b>	<b>08/1995</b>	<b>EPO</b>		<b>X</b>

Examiner Signature		Date Considered	
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\*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.